

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 October 2005 (13.10.2005)

PCT

(10) International Publication Number
WO 2005/095643 A1

(51) International Patent Classification⁷: **C12Q 1/68**,
G01N 33/50

(21) International Application Number:
PCT/EP2005/003265

(22) International Filing Date: 29 March 2005 (29.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04101306.1 30 March 2004 (30.03.2004) EP

(71) Applicant (for all designated States except US): **F. HOFF-
MANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse
124, CH-4070 Basel (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CLERC, Roger**,
G. [CH/CH]; Kugelfang 42, CH-4102 Binningen (CH).
GARDES, Christophe [FR/FR]; 20B Rue du General
de Gaulle, F-68870 Bartenheim (FR). **MEYER, Markus**
[DE/DE]; Erasmusstrasse 23, 79395 Neuenburg (DE).
WRIGHT, Matthew, Blake [US/CH]; Peter Rot-Strasse
76, CH-4058 Basel (CH).

(74) Agent: **WITTE, Hubert**; Grenzacherstrasse 124,
CH-4070 Basel (CH).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: **PDK4 AS MARKER FOR PPARDELTA MODULATION**

(57) Abstract: The present invention relates to the use of PDK4 as biomarker for PPAR delta activity, and to methods of diagnosing a disease linked to dysregulation of PPARdelta activity such as for example dyslipidemia, obesity or insulin resistance, methods of monitoring the treatment of patients suffering from a disease linked to dysregulation of PPARdelta activity, and methods of identifying compounds which modulate PPARdelta activity.

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